Claims

1. A method for transmitting encrypted useful data objects NDO to a first telecommunications terminal, wherein:

in a switching component (VK; EMV) of a telecommunications network an encrypted useful data object (NDO) that is to be transmitted to the first telecommunications terminal (TG2) is provided with a reference (Transcoding-URI) for the purpose of checking the suitability of the encrypted useful data object for the first telecommunications terminal;

a profile relating to the capabilities of the first telecommunications terminal to process a useful data object is determined by the switching component (VK);

a request is transmitted by the switching component (VK) together with the determined profile of the first telecommunications terminal to a data provisioning component (DBK) in accordance with an address contained in the reference in order to check whether the useful data object to be transmitted is suitable for processing by the first telecommunications terminal (TG2);

information relating to the result of the check on the suitability of the useful data object to be transmitted for the first telecommunications terminal (TG2) is transmitted to the switching component (VK) by the data provisioning component (DBK); and

an encrypted useful data object (NDO) is provided by the switching component in accordance with the information relating to the check and the first telecommunications terminal (TG2) is notified (I) thereof.

2. The method as claimed in claim 1, wherein the encrypted useful data object (NDO) and the reference (Transcoding-URI) are provided in a container object (CO).

3. The method as claimed in claim 1 or 2, wherein the encrypted useful data object (NDO) to be transmitted is transmitted by a second telecommunications terminal (TG1) to the switching component (VK) for forwarding to the first telecommunications terminal (TG2).

4. The method as claimed in one of the claims 1 to 3, wherein the profile relating to the capabilities of the first telecommunications terminal is determined by the sending of a query to a database (DBE) of the telecommunications network in which the terminal device characteristics are stored.

5. The method as claimed in one of the claims 1 to 3, wherein the profile relating to the capabilities of the first telecommunications terminal (TG2) is determined by the sending of a query to the first telecommunications terminal itself.

6. The method as claimed in one of the claims 1 to 5, wherein the address contained in the reference includes a URL.

7. The method as claimed in one of the claims 1 to 6, wherein the encrypted useful data object to be transmitted is also transmitted in addition in the request of the switching component to the data provisioning component.

8. The method as claimed in one of the claims 1 to 7, wherein if the result of the check by the data provisioning component (DBK) is negative, the information to the switching component (VK) contains a pointer to a data provisioning component from which the switching component can request a suitable useful data object in accordance with the profile of the first telecommunications terminals (TG2).

9. The method as claimed in one of the claims 1 to 7, wherein if the result of the check by the data provisioning component (DBK) is negative, the information to the switching component (VK) contains a suitable useful data object.

10. The method as claimed in one of the claims 1 to 9, wherein the first telecommunications terminal (TG2), in response to the notification (I) of the switching component (VK) concerning the provision of a suitable useful data object, transmits a request (II) for the suitable encrypted useful data object to be sent to the switching component, which thereupon sends the suitable encrypted useful data object to the first telecommunications terminal (III).

11. The method as claimed in one of the claims 1 to 10, wherein data is sent to and from the first (TG2) and/or second (TG1) telecommunications terminal via an air interface.

12. The method as claimed in claim 11, wherein the first and/or second telecommunications terminal (TG1, TG2) comprises a radio module and in particular is embodied as a mobile telephone, a cordless telephone, or a portable computer.

13. The method as claimed in claim 11 or 12, wherein messages are transmitted to and from the first and/or second telecommunications terminal (TG1, TG2) using WAP protocols or the Hypertext Transfer Protocol (http).

14. The method as claimed in one of the claims 1 to 13, wherein the first telecommunications terminal (TG2) is part of a first telecommunications network.

15. The method as claimed in claim 14, wherein the first telecommunications network is implemented as a mobile radio network which operates in particular in accordance with the GSM or UMTS standard.

16. The method as claimed in one of the claims 14 or 15, wherein the switching component (VK) is embodied as part of a second telecommunications network which is connected to the first telecommunications network and is implemented in particular as a telecommunications network based on internet protocols such as the Hypertext Transfer Protocol.

17. The method as claimed in claim 16, wherein the first and the second telecommunications network are connected to one another by means of a connection component which is implemented in particular as a WAP gateway.

18. The method as claimed in one of the claims 1 to 17, wherein following receipt of the encrypted useful data object by the first telecommunications terminal a rights object (RO) is transmitted to said first telecommunications terminal, which rights object contains the key and the usage rights for the assigned useful data object.

19. The method as claimed in one of the claims 1 to 18, wherein the data provisioning component (DBK) is embodied as a server of a content provider.

20. The method as claimed in one of the claims 1 to 19, wherein the useful data object (NDO) contains text information, audio information, video information, an executable program, a software module, or a combination of this information.

21. A telecommunications arrangement comprising a switching component (VK), a data provisioning component (DBK), and at least one first telecommunications terminal (TG2), wherein the telecommunications arrangement is configured to perform a method as claimed in one of the claims 1 to 20.